

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| S1    | 281   | (398/115).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/19 07:23 |
| S2    | 201   | S1 and @ad < "20010215"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/21 20:17 |
| S3    | 12238 | (398/\$3).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/19 07:24 |
| S5    | 13    | S3 and (data near3 wavelength) and ((radio adj2 frequency) near3 wavelength)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/19 07:30 |
| S6    | 8     | S5 and @ad < "20010215"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/19 07:32 |
| S7    | 2     | S3 and internet and data and tv and ((radio adj2 frequency) near3 wavelength) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/19 07:32 |
| S8    | 8     | S3 and data and tv and ((radio adj2 frequency) near3 wavelength)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/19 07:32 |
| S9    | 5     | S8 and @ad < "20010215"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/19 07:32 |
| S10   | 7308  | (data adj2 signal) and (radio adj2 frequency adj2 signal)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/21 20:16 |
| S11   | 14383 | (first adj2 wavelength) and (second adj2 wavelength)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/21 20:17 |

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| S12 | 35     | S10 and S11   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/21 20:17 |
| S13 | 20     | S12 and @ad < "20010215"                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/21 20:23 |
| S14 | 75     | S10 and wdm   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/21 20:22 |
| S15 | 34     | S14 and @ad < "20010215"                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/21 20:48 |
| S16 | 38299  | (single adj2 fiber)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/21 20:57 |
| S17 | 36     | S10 and S16 and wdm                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/21 20:48 |
| S18 | 18     | S17 and @ad < "20010215"                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/21 20:57 |
| S19 | 282786 | (sonet or ethernet or ip or packet or atm) and data | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/22 13:42 |
| S20 | 5607   | S19 and (radio adj2 frequency adj2 signal)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/21 20:57 |
| S21 | 70     | S20 and wdm   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/21 20:57 |

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| S22 | 27     | S21 and (single adj2 fiber)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/21 20:57 |
| S23 | 13     | S22 and @ad < "20010215"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/21 22:21 |
| S24 | 2      | ("6788666").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 22:14 |
| S25 | 5      | ("5682256"   "6111863"  <br>"6226111"   "6490273"  <br>"6674966").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/09/21 22:20 |
| S26 | 281    | (398/115).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 22:20 |
| S27 | 201    | S26 and @ad < "20010215"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/21 22:21 |
| S28 | 34     | S27 and (sonet or ethernet or ip or<br>packet or atm) and data        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 18:27 |
| S29 | 135788 | "18" and (sonet or ethernet or ip or<br>atm) and data                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 13:33 |
| S30 | 282    | (398/115).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/22 13:34 |
| S31 | 201    | S30 and @ad < "20010215"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 13:42 |

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| S32 | 21    | S31 and (sonet or ethernet or ip or atm) and data   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/22 13:35 |
| S33 | 16    | S32 and (rf or (radio adj2 frequency))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/22 13:35 |
| S34 | 43301 | (rf or (radio adj2 frequency)) and (sonet or ethernet or ip or internet or atm) and data  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/22 19:41 |
| S35 | 580   | S34 and wdm   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/22 13:42 |
| S36 | 186   | S35 and @ad < "20010215"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/22 16:48 |
| S37 | 60947 | (chang).in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/22 13:43 |
| S38 | 138   | S36 not S37   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/22 13:44 |
| S39 | 12    | ("4472797"   "4708425"   "4718055"   "4748614"   "4749247"   "4775971"   "4834474"   "4909584"   "4923270"   "4926412"   "4957339"   "5026131").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/09/22 16:39 |
| S40 | 5171  | (radio adj2 frequency adj2 signal) and (sonet or ethernet or ip or internet or atm) and data  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/22 16:47 |
| S41 | 911   | (radio adj2 frequency adj2 signal) and (sonet or ethernet or internet or atm) and data and wavelength   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/22 20:38 |

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| S42 | 12266  | (398/\$3).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/22 16:48 |
| S43 | 7706   | S42 and @ad < "20010215"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 20:29 |
| S44 | 20     | S41 and S43  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 16:49 |
| S45 | 283475 | (sonet or ethernet or ip or packet<br>or atm) and data   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 18:27 |
| S46 | 0      | (pluarality near2 (radio adj2<br>frequency adj2 signals)) and<br>(pluarality near2 (data adj2<br>signals)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 19:43 |
| S47 | 0      | (pluarality near2 (rf adj2 signals))<br>and (pluarality near2 (data adj2<br>signals))                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 19:42 |
| S48 | 0      | wdm and (multiplex with (radio<br>adj2 frequency adj2 signals) with<br>(data adj2 signals))                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 19:44 |
| S49 | 239    | (radio adj2 frequency adj2 signals)<br>near3 wavelength  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 19:44 |
| S50 | 1045   | (data adj2 signals) near3<br>wavelength  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 19:44 |
| S51 | 1      | S49 and S50  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 19:50 |

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| S52 | 240  | (398/91).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/22 19:50 |
| S53 | 282  | (398/115).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/22 19:50 |
| S54 | 1    | S52 and S53  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 19:51 |
| S55 | 43   | ((radio adj2 frequency) near3<br>wavelength) and (data near3<br>wavelength)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 20:15 |
| S56 | 30   | S55 and @ad < "20010215"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 20:26 |
| S57 | 0    | ((baseband adj2 data) near3<br>wavelength) and ((radio adj2<br>frequency ) near3 wavelength) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 20:27 |
| S58 | 1    | ((baseband ) near3 wavelength)<br>and ((radio adj2 frequency ) near3<br>wavelength)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 20:28 |
| S59 | 1697 | wireless and (radio adj2 frequency)<br>and internet and data and<br>wavelength               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 20:29 |
| S60 | 64   | wireless and (radio adj2 frequency)<br>and internet and data and<br>wavelength and wdm       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 20:29 |
| S61 | 14   | S60 and @ad < "20010215"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/22 20:39 |

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| S62 | 528 | (radio adj2 frequency ) and<br>wavelength and wdm and data | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/22 20:39 |
| S63 | 190 | S62 and @ad < "20010215"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/23 07:55 |